

Docket No.: 30051/39757  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Leonhard Fuchs

Application No.: Not Yet Assigned

Confirmation No.:

Filed: Concurrently Herewith

Art Unit: N/A

For: **METHOD FOR CONTROLLING A DRINK  
PREPARATION MACHINE**

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each reference on PTO/SB/08 is attached and a summary/abstract translation of the non-English language references are enclosed. Also enclosed is a copy of the EPO Search Report.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an

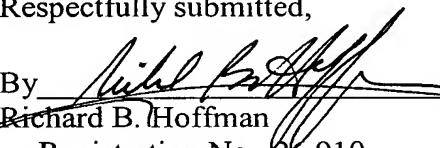
admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30051/39757. A duplicate copy of this paper is enclosed.

Dated: January 15, 2004

Respectfully submitted,

By   
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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Rudolf Geiger
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	30051/39759

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A		6,155,158	12-05-2000	Anson	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
B		EP-0361073-A1	08-21-1989	Heinz	<input checked="" type="checkbox"/> T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			<input checked="" type="checkbox"/> T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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**Electric coffee maker with through-flow water heater - has main and auxiliary switches for heating resistance with associated display lights**

**Patent Assignee:** BRAUN AG

**Inventors:** SCHIEBELHUTH H; SCHIEBELHU H

#### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
DE 3830633	A	19900322	DE 3830633	A	19880909	199013	B
EP 361073	A	19900404	EP 89115415	A	19890821	199014	
DE 3830633	C	19900719				199029	
US 4994641	A	19910219	US 89400168	A	19890829	199110	
EP 361073	B	19920422	EP 89115415	A	19890821	199217	
DE 58901239	G	19920527	DE 501239	A	19890821	199223	
			EP 89115415	A	19890821		
CA 1317337	C	19930504	CA 609590	A	19890828	199323	

**Priority Applications (Number Kind Date):** DE 3830633 A ( 19880909)

**Cited Patents:** DE 2839140; EP 186097; GB 2011725

#### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
DE 3830633	A		8		
EP 361073	A	G			
Designated States (Regional): AT CH DE ES FR GB IT LI NL SE					
EP 361073	B	G	13		
Designated States (Regional): AT CH DE ES FR GB IT LI NL SE					
DE 58901239	G			A47J-031/54	Based on patent EP 361073
CA 1317337	C			A47J-031/54	

#### Abstract:

DE 3830633 A

The coffee maker has a through-flow water heater (7) using a heating resistance (1) also thermically coupled to a hot plate.. The heating resistance is directly coupled to the voltage source (5) at one side and at the other side it is coupled to the voltage source (5) via a pair of series switches (10, 12).

A control light (15) is operated upon closure of the first switch (10). A second control light (18) is operated by closure of the second switch (12) which is incorporated in an auxiliary current lead (11)

incorporating a power reduction element (14') for the heating resistance (1).

**ADVANTAGE** - Allows operation of through-flow heater at lower power rating for brewing smaller quantities.

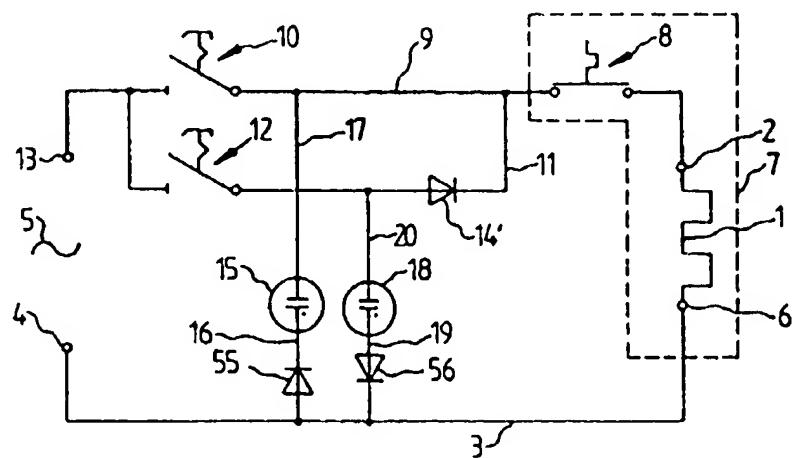
EP 361073 B

A beverage brewer comprising an electrically flow-through heater (7) and a heating resistor (1) thermally coupled to said heater and to a warming plate, said heating resistor having a first lead (6) directly connected to a first terminal (4) of a power source (5) via an electric conductor (3), and a second lead (2) adapted to be connected to a second terminal (13) of the power source (5) by means of a first (10) and a second (12) switch via either a main conductor (9) or a secondary conductor (11), a first pilot lamp (15) having a first lead (16) connected to the electric conductor (3) and a second lead (17) adapted to be connected to the second terminal (13) of the power source (5) by closing the first switch (10), the secondary conductor (11) including a switching element (14') for reducing the heating power of the heating resistor (1), characterised in that the second lead (17) of the first pilot lamp (15) is dead-ended in the open condition of the first switch (10) and is not connected to the main conductor (9) until the first switch (10) is closed, and that a second pilot lamp (18) is provided having a first lead (19) connected to the electric conductor (3) and a second lead (20) dead-ended with the second switch (12) in the open position, and is not connected to the secondary conductor (11) until the second switch (12) is closed.

US 4994641 A

The beverage brewer has an electric flow-through heater operable in two power steps. The two pilot lamps (15, 18) light up when the flow-through heater is operated at its upper and respectively, lower power step. Alternatively the first pilot lamp (15) indicates the ON condition of the flow-through heater and the second pilot lamp (18) lights up when it is operated at its lower power step. In both cases the second lead (20) of the second pilot lamp (18) is dead-ended when the second switch (12) is open, and is not connected to the secondary conductor (11) until the second switch (12) closes. USE - E.g. filter coffee maker.

(8pp)



Derwent World Patents Index

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